EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	83	((deriv$6 or calculat$5) same (load) same route same (bandwidth or rate)) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 10:43
L2	12	((deriv$6 or calculat$5) same (load) same route same (bandwidth or rate) same (capacity)) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:50
L3	2	((deriv$6 or calculat$5) same (load) same route same (bandwidth or rate) same (capacity)) and parallel and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:30
L4	1	2000-389208.NRAN.	DERWENT	OR	ON	2007/05/29 11:45
L5	250	((load) same rout$5 same (bandwidth or rate) same (capacity)) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:56
L6	133	((load) same rout$5 same (bandwidth or rate) same (capacity)) and (parallel$3 or concurrent$3) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:07
L7	6	((load) same rout$5 same (bandwidth or rate) same (capacity)) same (parallel$3 or concurrent$3) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 11:57
L8	48	((load) same rout$5 same (bandwidth or rate) same (capacity)) and ((parallel$3 or concurrent$3) with process$6) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:07

L9	162	(((quality adj3 service) or QOS) same ((parallel$3 or concurrent$3) with process$6)) and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:08
L10	16	("6141318"|"6205117"|"6363319"|"6404744"|"6519693"|"6538991"|"6721270"|"6795399").PN. and (@rlad<"20000809" or @ad<"20000809")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:16

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	28	(load$5 and rout$5 and (bandwidth or rate) and (capacity) and (parallel$3 or concurrent$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:45
L14	262	(load$5 and rout$5 and (bandwidth or rate or band) and (capacity)). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:45
L15	7	(load$5 and rout$5 and (bandwidth or rate or band) and (capacity) and objective and function).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/29 12:45

IEEE Xplore® RELEASE 2.3

Welcome United States Patent and Trademark Office

☐ Search Results
BROWSE   SEARCH   IEEE XPLORE GUIDE

Results for "(routing<paragraph>load<paragraph>capacity<paragraph>(parallel or concurrent)<p..."
Your search matched 8 of 1574558 documents.
A maximum of 500 results are displayed, 100 to a page, sorted by Relevance in Descending order.

☑ e-mail

» Search Options

View Session History

New Search

Modify Search

(routing<paragraph>load<paragraph>capacity<paragraph>(parallel or concurrent)<pa   **Search** ➤

☐   Check to search only within this results set

» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

Display Format: ⦿   Citation   ◯   Citation & Abstract

┌ **view selected items** ┐   Select All Deselect All

☐   1. **Reduced load approximations for multirate loss networks**
Chung, S.-P.; Ross, K.W.;
Communications, IEEE Transactions on
Volume 41, Issue 8, Aug. 1993 Page(s):1222 - 1231
Digital Object Identifier 10.1109/26.231966

AbstractPlus | Full Text: PDF(684 KB)   IEEE JNL
Rights and Permissions

☐   2. **Neural networks for adaptive traffic control in ATM networks**
Nordstrom, E.; Carlstrom, J.; Gallmo, O.; Asplund, L.;
Communications Magazine, IEEE
Volume 33, Issue 10, Oct. 1995 Page(s):43 - 49
Digital Object Identifier 10.1109/35.466218

AbstractPlus | Full Text: PDF(656 KB)   IEEE JNL
Rights and Permissions

☐   3. **Dynamic bandwidth-allocation and path-restoration in SONET self-healing networks**
Gersht, A.; Kheradpir, S.; Shulman, A.;
Reliability, IEEE Transactions on
Volume 45, Issue 2, June 1996 Page(s):321 - 331
Digital Object Identifier 10.1109/24.510821

AbstractPlus | References | Full Text: PDF(936 KB)   IEEE JNL
Rights and Permissions

☐   4. **Software-based rerouting for fault-tolerant pipelined communication**
Young-Joo Suh; Dao, B.V.; Yalamanchili, S.;
Parallel and Distributed Systems, IEEE Transactions on
Volume 11, Issue 3, March 2000 Page(s):193 - 211
Digital Object Identifier 10.1109/71.841738

AbstractPlus | References | Full Text: PDF(1608 KB)   IEEE JNL
Rights and Permissions

☐   5. **Homogeneous routing for homogeneous traffic patterns on meshes**
Aronson, L.D.;
Parallel and Distributed Systems, IEEE Transactions on
Volume 11, Issue 8, Aug. 2000 Page(s):781 - 793
Digital Object Identifier 10.1109/71.877937

AbstractPlus | References | Full Text: PDF(284 KB)   IEEE JNL
Rights and Permissions

6. **An opportunity cost approach for job assignment in a scalable computing cluster**
   Amir, Y.; Awerbuch, B.; Barak, A.; Borgstrom, R.S.; Keren, A.;
   Parallel and Distributed Systems, IEEE Transactions on
   Volume 11, Issue 7, July 2000 Page(s):760 - 768
   Digital Object Identifier 10.1109/71.877834

   AbstractPlus | References | Full Text: PDF(1276 KB)   IEEE JNL
   Rights and Permissions

7. **Scaling of Beowulf-class Distributed Systems**
   Salmon, J.; Stein, C.; Sterling, T.;
   Supercomputing, 1998. SC98. IEEE/ACM Conference on
   07-13 Nov. 1998 Page(s):51 - 51
   Digital Object Identifier 10.1109/SC.1998.10017

   AbstractPlus | Full Text: PDF(352 KB)   IEEE CNF
   Rights and Permissions

8. **A parallel and distributed routing algorithm with a hierarchical connection management arcl ISDN**
   Young-Tak Kim; Soo-Yong Koo; Youn-Ky Chung; Dong-Sik Yoon;
   Global Telecommunications Conference, 1998. GLOBECOM 98. The Bridge to Global Integration.
   Volume 5, 8-12 Nov. 1998 Page(s):3041 - 3046 vol.5
   Digital Object Identifier 10.1109/GLOCOM.1998.776630

   AbstractPlus | Full Text: PDF(352 KB)   IEEE CNF
   Rights and Permissions

Help   Contact Us   Privac

© Copyright 2006 IE

Indexed by
Inspec

IEEE Xplore® RELEASE 2.3

Welcome United States Patent and Trademark Office

☐ Search Results   BROWSE   SEARCH   IEEE XPLORE GUIDE

Results for "routing<paragraph>load<paragraph>capacity<paragraph>parallel<paragraph>(band..."   ✉ e-mail
Your search matched **8** of **446532** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

routing<paragraph>load<paragraph>capacity<paragraph>parallel<paragraph>(bandv   [**Search** ➤]

☐ Check to search only within this results set

» Key

Display Format: ◉ Citation   ○ Citation & Abstract

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

[**view selected items**]   Select All Deselect All

☐   1. **Reduced load approximations for multirate loss networks**
Chung, S.-P.; Ross, K.W.;
Communications, IEEE Transactions on
Volume 41, Issue 8, Aug. 1993 Page(s):1222 - 1231
Digital Object Identifier 10.1109/26.231966

AbstractPlus | Full Text: PDF(684 KB)   IEEE JNL
Rights and Permissions

☐   2. **Neural networks for adaptive traffic control in ATM networks**
Nordstrom, E.; Carlstrom, J.; Gallmo, O.; Asplund, L.;
Communications Magazine, IEEE
Volume 33, Issue 10, Oct. 1995 Page(s):43 - 49
Digital Object Identifier 10.1109/35.466218

AbstractPlus | Full Text: PDF(656 KB)   IEEE JNL
Rights and Permissions

☐   3. **Dynamic bandwidth-allocation and path-restoration in SONET self-healing networks**
Gersht, A.; Kheradpir, S.; Shulman, A.;
Reliability, IEEE Transactions on
Volume 45, Issue 2, June 1996 Page(s):321 - 331
Digital Object Identifier 10.1109/24.510821

AbstractPlus | References.| Full Text: PDF(936 KB)   IEEE JNL
Rights and Permissions

☐   4. **Software-based rerouting for fault-tolerant pipelined communication**
Young-Joo Suh; Dao, B.V.; Yalamanchili, S.;
Parallel and Distributed Systems, IEEE Transactions on
Volume 11, Issue 3, March 2000 Page(s):193 - 211
Digital Object Identifier 10.1109/71.841738

AbstractPlus | References | Full Text: PDF(1608 KB)   IEEE JNL
Rights and Permissions

☐   5. **Homogeneous routing for homogeneous traffic patterns on meshes**
Aronson, L.D.;
Parallel and Distributed Systems, IEEE Transactions on
Volume 11, Issue 8, Aug. 2000 Page(s):781 - 793
Digital Object Identifier 10.1109/71.877937

AbstractPlus | References | Full Text: PDF(284 KB)   IEEE JNL
Rights and Permissions

6. **An opportunity cost approach for job assignment in a scalable computing cluster**
Amir, Y.; Awerbuch, B.; Barak, A.; Borgstrom, R.S.; Keren, A.;
Parallel and Distributed Systems, IEEE Transactions on
Volume 11, Issue 7, July 2000 Page(s):760 - 768
Digital Object Identifier 10.1109/71.877834

AbstractPlus | References | Full Text: PDF(1276 KB)   IEEE JNL
Rights and Permissions

7. **Bandwidth estimation: metrics, measurement techniques, and tools**
Prasad, R.; Dovrolis, C.; Murray, M.; Claffy, K.;
Network, IEEE
Volume 17, Issue 6, Nov.-Dec. 2003 Page(s):27 - 35
Digital Object Identifier 10.1109/MNET.2003.1248658

AbstractPlus | References | Full Text: PDF(740 KB)   IEEE JNL
Rights and Permissions

8. **A progressive approach to handling message-dependent deadlock In parallel computer syst**
Yong Ho Song; Pinkston, T.M.;
Parallel and Distributed Systems, IEEE Transactions on
Volume 14, Issue 3, March 2003 Page(s):259 - 275
Digital Object Identifier 10.1109/TPDS.2003.1189584

AbstractPlus | References | Full Text: PDF(1066 KB)   IEEE JNL
Rights and Permissions

Help   Contact Us   Privac

Indexed by
Inspec

```
Logon
*** It is now 5/29/2007 10:44:15 AM ***
```

Welcome to DialogLink - Version 5
Revolutionize the Way You Work!

New on Dialog
Enhanced Derwent World Patents Index Now Available

The enhanced *Derwent World Patents Index*® (*DWPI*SM) (Files 350,351,352) is now available on Dialog. The improvements implemented in *DWPI* on Dialog further extend the database's rich content set and enhances overall functionality of the database.

In addition to distilled expert analysis reflected in *DWPI* expanded titles and abstracts, other enhancements include original patent filing details, multiple patent images, easy cut-and-paste patent family data, and much more.

The new templates include new features that will help you manage and distribute your *DWPI* search results in an attractive format.

Learn about all of the new DWPI enhancements and report templates at
http://www.dialog.com/dwpi.

DialogLink 5 Release Notes
New features available in the latest release of DialogLink 5 (November 2005)

- Ability to resize images for easier incorporation into DialogLink Reports
- New settings allow users to be prompted to save Dialog search sessions in the format of their choice (Microsoft Word, RTF, PDF, HTML, or TEXT)
- Ability to set up Dialog Alerts by Chemical Structures and the addition of Index Chemicus as a structure searchable database
- Support for connections to STN Germany and STN Japan services

Show Preferences for details

```
? Help Log On Msg
             *** ANNOUNCEMENTS ***
                   ***
NEW FILES RELEASED
***BIOSIS Previews Archive (File 552)
***BIOSIS Previews 1969-2007 (File 525)
***Engineering Index Backfile (File 988)
***Trademarkscan - South Korea (File 655)

RESUMED UPDATING
```

```
***File 141, Reader's Guide Abstracts
                              ***
RELOADS COMPLETED
***Files 154 & 155, MEDLINE
***File 5, BIOSIS Previews - archival data added
***Files 340, 341 & 942, CLAIMS/U.S. Patents - 2006 reload now
online
                              ***
DATABASES REMOVED

Chemical Structure Searching now available in Prous Science Drug
Data Report (F452), Prous Science Drugs of the Future (F453),
IMS R&D Focus (F445/955), Pharmaprojects (F128/928), Beilstein
Facts (F390), Derwent Chemistry Resource (F355) and Index
Chemicus
(File 302).
                              ***
 >>>For the latest news about Dialog products, services, content
<<<
 >>>and events, please visit What's New from Dialog at <<<
 >>>http://www.dialog.com/whatsnew/.  You can find news about<<<
 >>>a specific database by entering HELP NEWS <file number>.<<<

? Help Off Line
*  *  *
Connecting to sahmed - Dialog - 291839
Connected to Dialog via SMS00218

?  b
9,15,16,20,47,75,80,88,98,112,141,148,160,275,264,369,370,484,
553,570,608,620,613,621,623,624,634,635,636,647,696,674,810,813,5
87
```

[File 9] **Business & Industry(R)** Jul/1994-2007/May 24
(c) 2007 The Gale Group. All rights reserved.

[File 15] **ABI/Inform(R)** 1971-2007/May 28
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2007/May 25
(c) 2007 The Gale Group. All rights reserved.

[File 20] **Dialog Global Reporter** 1997-2007/May 29
(c) 2007 Dialog. All rights reserved.

[File 47] **Gale Group Magazine DB(TM)** 1959-2007/May 17
(c) 2007 The Gale group. All rights reserved.

[File 75] **TGG Management Contents(R)** 86-2007/May W3
(c) 2007 The Gale Group. All rights reserved.

[File 80] **TGG Aerospace/Def.Mkts(R)** 1982-2007/May 25
(c) 2007 The Gale Group. All rights reserved.

[File 88] **Gale Group Business A.R.T.S.** 1976-2007/May 23
(c) 2007 The Gale Group. All rights reserved.

[File 98] **General Sci Abs** 1984-2007/May
(c) 2007 The HW Wilson Co. All rights reserved.

[File 112] **UBM Industry News** 1998-2004/Jan 27
(c) 2004 United Business Media. All rights reserved.
File 112: File 112 is no longer updating.

[File 141] **Readers Guide** 1983-2007/Mar
(c) 2007 The HW Wilson Co. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2007/May 25
(c)2007 The Gale Group. All rights reserved.

[File 160] **Gale Group PROMT(R)** 1972-1989
(c) 1999 The Gale Group. All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2007/May 25
(c) 2007 The Gale Group. All rights reserved.

[File 264] **DIALOG Defense Newsletters** 1989-2007/May 25
(c) 2007 Dialog. All rights reserved.

[File 369] **New Scientist** 1994-2007/Dec W5
(c) 2007 Reed Business Information Ltd. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3
(c) 1999 AAAS. All rights reserved.
File 370: This file is closed (no updates). Use File 47 for more current information.

[File 484] **Periodical Abs Plustext** 1986-2007/May W3
(c) 2007 ProQuest. All rights reserved.

[File 553] **Wilson Bus. Abs.** 1982-2007/May
(c) 2007 The HW Wilson Co. All rights reserved.

[File 570] **Gale Group MARS(R)** 1984-2007/May 25
(c) 2007 The Gale Group. All rights reserved.

[File 608] **KR/T Bus.News.** 1992-2007/May 29
(c)2007 Knight Ridder/Tribune Bus News. All rights reserved.

[File 620] **EIU:Viewswire** 2007/May 28
(c) 2007 Economist Intelligence Unit. All rights reserved.

[File 613] **PR Newswire** 1999-2007/May 29
(c) 2007 PR Newswire Association Inc. All rights reserved.
File 613: File 613 now contains data from 5/99 forward. Archive data (1987-4/99) is available in File 813.

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/May 25

[File 623] **Business Week** 1985-2007/May 17

[File 624] **McGraw-Hill Publications** 1985-2007/May 25
File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more

[File 634] **San Jose Mercury** Jun 1985-2007/May 25

[File 635] **Business Dateline(R)** 1985-2007/May 26

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/May 25

[File 647] **CMP Computer Fulltext** 1988-2007/Aug W3

[File 696] **DIALOG Telecom. Newsletters** 1995-2007/May 25

[File 674] **Computer News Fulltext** 1989-2006/Sep W1
File 674: File 674 is closed (no longer updates).

[File 810] **Business Wire** 1986-1999/Feb 28

[File 813] **PR Newswire** 1987-1999/Apr 30

[File 587] **Jane`s Defense&Aerospace** 2007/May W1

```
?   s au=(Saito Hiroyuki or Saito, Hiroyuki or Saito H? or Saito,
H?)
>>>W:  One or more prefixes are unsupported
  or undefined in one or more files.
            0    AU=SAITO HIROYUKI
           14    AU=SAITO, HIROYUKI
            0    AU=SAITO H?
          318    AU=SAITO, H?
S1        318    S AU=(SAITO HIROYUKI OR SAITO, HIROYUKI OR SAITO
H? OR SAITO, H?)
```

```
?
?   s deriv??? or calculat?????
Processing
        1461625   DERIV???
        2284092   CALCULAT?????
S2      3521869   S DERIV??? OR CALCULAT?????

?   s load???
S3      2491807   S LOAD???

?   s bandwidth or rate
Processing
Processing
        830417    BANDWIDTH
        9033685   RATE
S4      9696278   S BANDWIDTH OR RATE

?   s s2(w)s3(w)s4
Processing
        3521869   S2
        2491807   S3
        9696278   S4
S5           0    S S2(W)S3(W)S4

?   s s2 and s2 and s3
        3521869   S2
        3521869   S2
        2491807   S3
S6      230940    S S2 AND S2 AND S3

?   S S2 AND S3 AND S4
Processing
        3521869   S2
        2491807   S3
        9696278   S4
S7      100261    S S2 AND S3 AND S4

?   s s1 and s2 and s3 and s4
           318    S1
        3521869   S2
        2491807   S3
        9696278   S4
S8           1    S S1 AND S2 AND S3 AND S4

?   type s8/3,k/all
```

  8/3,K/1 (Item 1 from file: 88) **Links**
Gale Group Business A.R.T.S.
(c) 2007 The Gale Group. All rights reserved.
07757751   **Supplier Number:** 125489472
Bacterial responses to alkaline stress.
Saito, Hiromi; Kobayashi, Hiroshi
Science Progress , 86 , 4 , 271(12)

```
?  s rout????
Processing
S9   4032585  S ROUT????


?  s s2 and s3 and s4 and s9
Processing
    3521869  S2
    2491807  S3
    9696278  S4
    4032585  S9
S10   24697  S S2 AND S3 AND S4 AND S9


?  s s10 and parallel
     24697  S10
    903068  PARALLEL
S11    5016  S S10 AND PARALLEL


?  s s10 and (parallel?? or concurrent???0
>>>W:  Unmatched parentheses
>>>E:  There is no result


?  s s10 and (parallel?? or concurrent???)
     24697  S10
   1046591  PARALLEL??
    489652  CONCURRENT???
S12    6753  S S10 AND (PARALLEL?? OR CONCURRENT???)


?  s s12 and (link(w)capacity)
Processing
     6753  S12
   2859213  LINK
   5705559  CAPACITY
     1714  LINK(W)CAPACITY
S13      3  S S12 AND (LINK(W)CAPACITY)


?  type s13/3,k/all


Set       Items     Description
S1         873     AU=(SAITO HIROYUKI OR SAITO, HIROYUKI OR SAITO H?
OR SAITO, H?) FROM 348, 349
S2      851919     DERIV??? OR CALCULAT????? FROM 348, 349
S3      594181     LOAD??? FROM 348, 349
S4      726820     BANDWIDTH OR RATE FROM 348, 349
S5           4     S2(W)S3(W)S4 FROM 348, 349
S6      262271     S2 AND S2 AND S3 FROM 348, 349
S7      164632     S2 AND S3 AND S4 FROM 348, 349
```

```
S8           42   S1 AND S2 AND S3 AND S4 FROM 348, 349
S9       373334   ROUT???? FROM 348, 349
S10       68297   S2 AND S3 AND S4 AND S9 FROM 348, 349
S11       36924   S10 AND (PARALLEL?? OR CONCURRENT???) FROM 348,
349
S12           0   S12 AND (LINK(W)CAPACITY) FROM 348, 349
S13         195   S S11 AND (LINK(W)CAPACITY)
S14           0   S S13 AND S1
S15          39   S S13 NOT PY>2000
```

Google Scholar BETA

load capacity parallel bandwidth limit   route O   – 2000 | Search | Ad Sc Sc

◉ Search only in Engineering, Computer Science, and Mathematics.
○ Search in all subject areas.

Scholar   All articles - <u>Recent articles</u> Results **1** - **100** of about **140** for <u>load capacity parallel bandwi</u>

All Results

D Banerjee

B Mukherjee

J Hui

E Cantu-Paz

B Res

... approaches to solving a multihour broadband network **capacity** design problem with single-path **routing** - all 3 versions »
D Medhi, D Tipper - Telecommunication Systems, 2000 - Springer
... the **load** hours by the total **bandwidth** on the ... Finally, (5) specifies that the **capacity** variables take only ... of candidate virtual paths for each **load** period and ...
Cited by 28 - Related Articles - Web Search - BL Direct

... for joint configuration of the optical andelectrical layer in multi-hop wavelength **routing** networks - all 5 versions »
T Cinkler, D Marx, CP Larsen, D Fogaras - INFOCOM 2000. Nineteenth Annual Joint Conference of the IEEE ..., 2000 - ieeexplore.ieee.org
... electrical domain over-bridging the speed **limits** of electronics. ... all edges have the same weight (eg, 2512 ... link w or link i - j **bandwidth (capacity)** of wavelength ...
Cited by 41 - Related Articles - Web Search - BL Direct

A practical approach for **routing** and wavelength assignment in largewavelength-routed optical ... - all 5 versions »
D Banerjee, B Mukherjee - Selected Areas in Communications, IEEE Journal on, 1996 - ieeexplore.ieee.org
... Each channel can be operated asynchronously and in **parallel** at whatever ... ep to rL along with its weight fm. ... provided C 2 2 In]El, the integer **capacity** of the ...
Cited by 234 - Related Articles - Web Search - BL Direct

Dynamic **bandwidth**-allocation and path-restoration in SONETself-healing networks - all 4 versions »
A Gersht, S Kheradpir, A Shulman - Reliability, IEEE Transactions on, 1996 - ieeexplore.ieee.org
... optimal solution, Section 4 gives the **parallel** algorithm for ... of working FOL, indexed by q Cq **capacity** of FOL ... i,j) total **bandwidth** demand (offered **load**) for the ...
Cited by 14 - Related Articles - Web Search

Path switching-a quasi-static **routing** scheme for large-scale ATMpacket switches - all 4 versions »
TT Lee, CH Lam - Selected Areas in Communications, IEEE Journal on, 1997 - ieeexplore.ieee.org
... The offered **load** is defined to be the ratio of ... As mentioned in Section II, this **capacity** graph can be ... a power of two, an efficient **parallel** algorithm proposed ...
Cited by 23 - Related Articles - Web Search - BL Direct

Internet QoS **routing** with IP telephony and TCP traffic - all 6 versions »
A Dubrovsky, M Gerla, SS Lee, D Cavendish - Communications, 2000. ICC 2000. 2000 IEEE International ..., 2000 - ieeexplore.ieee.org
... In **parallel** with the QoS **routing** al- gorithm, also the minhop ... Each pair offers a voice **load** of 4.3 Mbps ... Thus, the bottleneck **capacity** of 15 Mbps is com- pletely ...

Cited by 11 - Related Articles - Web Search - BL Direct

A new degree of freedom in ATM network dimensioning: optimizing thelogical configuration - all 3 versions »
A Farago, S Blaabjerg, L Ast, G Gordos, T Henk - Selected Areas in Communications, IEEE Journal on, 1995 - ieeexplore.ieee.org
... be carried, they are represented by **parallel** routes ... probabilities L, on the logical **capacity** vector C is very complicated, even for fixed **load** sharing parameters ...
Cited by 41 - Related Articles - Web Search - BL Direct

Fuzzy multiobjective **routing** model in B-ISDN - all 3 versions »
E Aboelela, C Douligeris - Computer Communications, 1998 - dionysos.cs.unipi.gr
... hops; and • taking into consideration the likelihood of **load** conges- tion ... that belong R. C I the **capacity** of link ... E I the current reserved **bandwidth** in link I ...
Cited by 21 - Related Articles - View as HTML - Web Search

Virtual path **routing** for survivable ATM networks - all 4 versions »
K Murakami, HS Kim - IEEE/ACM Transactions on Networking (TON), 1996 - portal.acm.org
... and the above procedures proceed in **parallel** from the ... Intuitively, the more residual **capacity** a link has, the ... The aggregated traffic **load** can be obtained by ...
Cited by 72 - Related Articles - Web Search - BL Direct

A Framework for Partitioning **Parallel** Computations in Heterogeneous Environments - all 5 versions »
JB Weissman, AS Grimshaw - Concurrency: Practice and Experience, 1995 - cs.virginia.edu
... nication **capacity** (ie, effective **bandwidth**) and computation power (ie ... are currently studying the impact of **load** on communication ... 2.3 Data **Parallel** Computations ...
Cited by 33 - Related Articles - View as HTML - Web Search - BL Direct

A pre-selection **routing** scheme for virtual circuit networks - all 5 versions »
Q Fang - 1999 - utdallas.edu
... keywords: **Parallel**/distributed algorithms, **Routing** algorithms, virtual ... network has plenty of **capacity** and shortest ... Under heavy **load** conditions, the available ...
Cited by 2 - Related Articles - View as HTML - Web Search - Library Search

Comparison of **capacity** efficiency of DCS network restoration **routing** techniques - all 2 versions »
R Doverspike, B Wilson - Journal of Network and Systems Management, 1994 - Springer
... the DCSs calculates the routes, often in **parallel** among all ... time is long, then nor- malization **load** blaancing will ... than or equal to the spare **capacity** of the ...
Cited by 46 - Related Articles - Web Search

Heuristic technique for processor and link assignment inmulticomputers - all 6 versions »
SW Bollinger, SF Midkiff - Computers, IEEE Transactions on, 1991 - ieeexplore.ieee.org
... is formulated: 1) process annealing assigns **parallel** processes to ... on the fraction of link **capacity** utilized by ... to model both processing **load** and communication ...
Cited by 42 - Related Articles - Web Search

Network planning with random demand
S Sen, RD Doverspike, S Cosares - Telecommunication Systems, 1994 - Springer
... lead times for the placement of high **bandwidth capacity**. ... on that potential **route** with the least carried **load**. ... link) **route** first, if spare **capacity** is available ...
Cited by 77 - Related Articles - Web Search

Optimal **routing** and wavelength assignment in WDM ring networks - all 7 versions »
T Lee, K Lee, S Park - Selected Areas in Communications, IEEE Journal on, 2000 -
ieeexplore.ieee.org
... real- ization of future large **bandwidth** networks [19 ... requires not only transmission
line **capacity** enhancement but ... problem to find a maximum weight inde- pendent ...
Cited by 46 - Related Articles - Web Search - BL Direct

WebWave: Globally **Load** Balanced Fully Distributed Caching of Hot
Published Documents - all 8 versions »
A Heddaya, S Mirdad - Proceedings of the 17th International Conference on ..., 1997 -
doi.ieeecs.org
... of the system grows as its total **capacity** increases. ... request rates, and dashed lines
de- **limit** the folds ... Lemma 1 states that the **load** assignment produced by ...
Cited by 62 - Related Articles - Web Search - BL Direct

Resource allocation for broadband networks - all 6 versions »
JY Hui, BC Res, NJ Morristown - Selected Areas in Communications, IEEE Journal on, 1988
- ieeexplore.ieee.org
... If the **capacity** of the trunk group is utilized as ... suffi- cient statistics C, and
the **bandwidth** request AR ... are the **routing** information r, and **load** infor- mation ...
Cited by 373 - Related Articles - Web Search

Bandwidth allocation in ATM networks
JAS Monteiro, M Gerla - Annals of Operations Research, 1994 - Springer
... is concern about the extra **load** imposed on ... can- not exceed its residual **capacity**;
and, • Capacities ... datagrams may be transmitted in **parallel** (ie, interleaved ...
Cited by 6 - Related Articles - Web Search - BL Direct

Routing through Virtual Paths in Layered Telecommunication Networks - all 5
versions »
G Dahl, A Martin, M Stoer - Operations Research, 1999 - JSTOR
... also let L = E, B = 4. Demand k is **parallel** to ek ... inequalities (7). We assign each
edge eE E the **capacity** max{0 ... do not know how to find a low-weight cycle that ...
Cited by 13 - Related Articles - Web Search - BL Direct

A hierarchical scheme for combined access control and **routing** of circuit-
switched traffic in ISDN ...
G Meempat, MK Sundareshan - INFOCOM'91. Proceedings. Tenth Annual Joint Conference
of ..., 1991 - ieeexplore.ieee.org
... Let p =)9/, denote the normalized **load** in Erlangs ... control scheme will permit the
total **capacity** allocation for ... switched network decomposes into K **parallel** M/M ...
Related Articles - Web Search

[BOOK] Stochastic Decomposition: A Statistical Method for Large Scale
Stochastic Linear Programming
JL Higle, S Sen - 1996 - books.google.com
... in air- line yield management, **capacity** planning, electric ... of SD with Jitka Dupocova
and on a **parallel** ... **Load** duration curve 1.3: Discretized **load** duration curve ...
Cited by 81 - Related Articles - Web Search - Library Search

Logically rearrangeable multihop lightwave networks - all 4 versions »
JFP Labourdette, AS Acampora - Communications, IEEE Transactions on, 1991 -
ieeexplore.ieee.org

... Thus, to tap the **bandwidth** of the medium, the ... is scaled up, until the channel **capacity** is reached. ... The procedure will then **route** the externally offered traffic ...
Cited by 106 - Related Articles - Web Search

A framework for partitioning **parallel** computations in heterogeneous environments
VA Chcirlotlesrrlle - CONCURRENCY: PRACTICE AND EXPERIENCE, 1995 - doi.wiley.com
... communication **capacity** (ie effective **bandwidth**) and computation power (ie ... are currently
studying the impact of **load** on communication ... Data **parallel** computations ...
Related Articles - Web Search

Bandwidth management at integrated network nodes: adaptive policiesfor optimal access control of ...
G Meempat, MK Sundareshan - Telecommunications Symposium, 1990. ITS'90 Symposium Record. ..., 1990 - ieeexplore.ieee.org
... p, = A,/p, denote the normalized **load** in Erlangs ... policies (m - v,n, constitutes the wasted link **capacity**). ... switched multi- plexer decomposes into K **parallel** M/M ...
Related Articles - Web Search

A survey of **parallel** genetic algorithms - all 13 versions »
E Cantu-Paz - Calculateurs Paralleles, 1998 - tracer.lcc.uma.es
... and identified some bottlenecks that **limit** their **parallel** ... necessary to balance the computational **load** among the ... designed specifically for **parallel** computations ...
Cited by 307 - Related Articles - View as HTML - Web Search

Towards real-time optimal management of virtual paths in ATM-basedB-ISDN's
SJ Chung, SP Hong, HG Song, SB Kim - Communications, 1997. ICC 97 Montreal,'Towards the Knowledge ..., 1997 - ieeexplore.ieee.org
... way is to assign a relative weight to each ... beyond this minima (where, the required **bandwidth** (yi , xk ... by this specific choice of equivalent **capacity** formula. ...
Cited by 2 - Related Articles - Web Search - BL Direct

Optimum **Routing** Strategies for Noisy Communication Networks
R Pedersen, Y Fu - Communications, IEEE Transactions on [legacy, pre-1988], 1969 - ieeexplore.ieee.org
... limited, in a fundamental sense, in its **capacity** to transmit information by its **bandwidth** and noise ... The former imposes **limits** on how fast a signal may ...
Web Search

Heuristic algorithms for configuration of the ATM-layer overoptical networks
T Cinkler - Communications, 1997. ICC 97 Montreal,'Towards the Knowledge ..., 1997 - ieeexplore.ieee.org
... VPs - the **parallel** bundling of ... not increase the transfer delays and the network **load** because we join some of the streams if enough **capacity** is available ...
Cited by 3 - Related Articles - Web Search - BL Direct

A comparative study of **bandwidth** reservation and admission control schemes in QoS-sensitive ... - all 11 versions »
S Choi, KG Shin - Wireless Networks, 2000 - Springer
... The weight factor w n reflects the fact that ... KG Shin / A comparative study of **bandwidth** reservation schemes In practice, it is desirable to **limit** the number of ...
Cited by 44 - Related Articles - Web Search - BL Direct

A Logical Topology and Discrete **Capacity** Assignment Algorithm for Reconfigurable Networks - all 2 versions »
MJ Lee, JR Yee - Operations Research, 1995 - JSTOR
... in a queueing system consisting of k **parallel** M/M ... physical network where Ua is the arc weight of link a ... first one is the representation of **capacity** variables as ...
Cited by 5 - Related Articles - Web Search - BL Direct

Analog neural optimization for ATM resource management - all 3 versions »
A Farago, J Biro, T Henk, M Boda - Selected Areas in Communications, IEEE Journal on, 1997 - ieeexplore.ieee.org
... optimization problems using the efficient **parallel** processing capabilities of ... is the aggregated offered **load** to logical ... physical link **capacity**, and and are the ...
Cited by 5 - Related Articles - Web Search - BL Direct

Scheduling **Parallel** Computations in a Heterogeneous Environment - all 5 versions »
J Weissman - University of Virginia, Charlottesville, VA, 1996 - cs.virginia.edu
... Scheduling results in a **load** balanced decom- ... widely used paradigm for expressing **parallel** computations and is common to problems in ... munication **capacity**. ...
Cited by 17 - Related Articles - View as HTML - Web Search

Routing in multidomain networks - all 6 versions »
DD Dimitrijevic, B Maglaris, RR Boorstyn - Networking, IEEE/ACM Transactions on, 1994 - ieeexplore.ieee.org
... to the cost in storage, computation, and communication **bandwidth**. ... 5) **Parallel** Work of NCC's: All NCC's ... case, we reduce the original gateway **capacity** to a ...
Cited by 8 - Related Articles - Web Search

Optimal channel allocation policies for access control of circuit-switched traffic in ISDN ... - all 4 versions »
G Meempat, MK Sundareshan - Communications, IEEE Transactions on, 1993 - ieeexplore.ieee.org
... Let p, = denote the normalized **load** (in Erlangs) offered ... circuit-switched multiplexer decomposes into K **parallel** M/M ... by p = 1. . . . ,L. The **capacity** (number of ...
Cited by 17 - Related Articles - Web Search - BL Direct

A multiscale dynamic **routing** circuit for forming size-and position-invariant object representations - all 2 versions »
BA Olshausen, CH Anderson, DC Essen - Journal of Computational Neuroscience, 1995 - Springer
... squashing function () is used to **limit** e to ... their multiplicative effect into a fixed weight as we ... in spatial frequency be approximately equal to the **bandwidth**. ...
Cited by 46 - Related Articles - Web Search

[BOOK] Queueing-theoretic Solution Methods for Models of **Parallel** and Distributed Systems - all 10 versions »
OJ Boxma, G Koole, Z Liu, Netherlands) Centrum ... - 1994 - math.vu.nl
... and a limited shared memory **capacity** is analyzed ... customers to one of several **parallel** queues (which are ... They propose several adaptive **load** balancing algorithms ...
Cited by 12 - Related Articles - View as HTML - Web Search - Library Search

Using artificial neural networks to improve performance in a wireless ATM network - all 2 versions »
M Lohi, K Madani, D Weerakoon, AH Aghvami - Vehicular Technology Conference, 1999

IEEE 49th, 1999 - ieeexplore.ieee.org
... their computing power through, first, their **parallel** distributed structure ... The total
capacity of the cluster area is ... a law Iwl even under heavy **load** conditions ...
Cited by 1 - Related Articles - Web Search

[PS] The Multicomputer Toolbox: Scalable **Parallel** Libraries for Large-Scale
Concurrent Applications - all 6 versions »
A Skjellum, CH Baldwin - Conference: ACM SIGARCH international conference on ..., 1991 -
ardra.hpcl.cis.uab.edu
... and impact of the Toolbox on **parallel** library use ... node count, message latency,
message
bandwidth, and so on ... process, assuming sucient storage **capacity** (and with ...
Cited by 24 - Related Articles - View as HTML - Web Search

Some principles for designing a wide-area WDM optical network - all 4
versions »
B Mukherjee, D Banerjee, S Ramamurthy, A Mukherjee - IEEE/ACM Transactions on
Networking (TON), 1996 - portal.acm.org
... a high aggregate system **capacity** of multiple **parallel** wavelength channels ... which can
maximize the offered **load** to the ... how to upgrade the **capacity** of existing ...
Cited by 174 - Related Articles - Web Search - BL Direct

Generalized **load** sharing for packet-switching networks - all 4 versions »
KC Leung, VOK Li - Network Protocols, 2000. Proceedings. 2000 International ..., 2000 -
ieeexplore.ieee.org
... distribute traffic to a set of **parallel** links ... Besides **capacity** expansion, traffic
engineering is a powerful tool ... the same time to reduce network **load** fluctuation ...
Cited by 7 - Related Articles - Web Search

Tutorial on **parallel** processing for design automation applications (tutorial
session)
JM Hancock, S DasGupta - Proceedings of the 23rd ACM/IEEE conference on Design ...,
1986 - portal.acm.org
... be interconnected to build practic,al **parallel** machines. ... large local memory and by
limiting the number of ... length data packets with **routing** information included ...
Related Articles - Web Search

Tutorial on **Parallel** Processing for Design Automation Applications
JM Hancock, S DasGupta - Design Automation, 1986. 23rd Conference on, 1986 -
ieeexplore.ieee.org
... be interconnected to build practic,al **parallel** machines. ... large local memory and by
limiting the number of ... length data packets with **routing** information included ...
Related Articles - Web Search

[CITATION] Allocating **Bandwidth** for Bursty Connections - all 10 versions »
JM Kleinberg, Y Rabani, E Tardos - SIAM J. Comput., 2000
... nodes connected by a set of **parallel** edges ... 2 is within a constant factor of a **load**
of 1 ... Stronger guarantees without exceeding the link **capacity** were provided by ...
Cited by 35 - Related Articles - Web Search - BL Direct

Structural Concrete Analysis Using Rigid-Body-Spring Networks - all 3
versions »
JE Bolander Jr, GS Hong, K Yoshitake - Computer-Aided Civil and Infrastructure
Engineering, 2000 - Blackwell Synergy
... greater variance in the **load**- displacement response. ... investigating the ultimate

deformation **capacity** of structural ... The spring **parallel** to the reinforcing bar ...
Cited by 9 - Related Articles - Web Search - BL Direct

Load sharing in heterogeneous queueing systems
SA Banawan, J Zahorjan - INFOCOM'89. Proceedings of the Eighth Annual Joint ..., 1989 -
ieeexplore.ieee.org
... as the system as a whole has a spared **capacity**. In this case, **load** sharing among
servers becomes necessary ... b- nJS Figure 2: Heterogeneous **parallel** queues with ...
Cited by 13 - Related Articles - Web Search

An algorithm for configuring embedded networks in reconfigurable telecommunication networks
CS Sung, SK Park - Telecommunication Systems, 1995 - Springer
... The **objective function** comprises the expected overflow-**load** (lost-call ... C[} are the
optimal flow and **capacity** for link I ... counter at IMP = 0 and its **limit** at 30. ...
Cited by 3 - Related Articles - Web Search

[PS] Network resource management for enterprise-wide multimedia services - all 7 versions »
S Baqai, M Woo, A Ghafoor - IEEE Communications Magazine, 1996 - min.ecn.purdue.edu
... Multimedia information generally contains high-**bandwidth** data, such as ... (**capacity**
and buer), a ecient network resource ... The network trac **load** at each switch can ...
Cited by 14 - Related Articles - View as HTML - Web Search - BL Direct

Multiuser diversity in delay-limited cellular wideband systems - all 4 versions »
RR Muller, G Caire, R Knopp - Information Theory Workshop, 2005 IEEE, 1929 -
ieeexplore.ieee.org
... larger than the channel coherence **bandwidth**) and K ... in the downlink (delay-limited
parallel Gaussian broadcast ... B ACKGROUND A. **Capacity** region, power region and ...
Related Articles - Web Search

Globally **Load** Balanced Fully Distributed Caching of Hot Published Documents - all 3 versions »
A Heddaya, S Mirdad - To appear in Proc. 17th IEEE Intl. Conference on Distributed ..., 1996
- types.bu.edu
... overhead associated with such a service **limits** the scalability ... of the system grows
as its total **capacity** increases ... that has been adopted for **load** balancing over ...
Cited by 3 - Related Articles - View as HTML - Web Search

Greedy online algorithms for **routing** permanent virtual circuits - all 5 versions »
JT Havill, W Mao - Networks, 1999 - doi.wiley.com
... assigned to one of n independent, **parallel** ma- chines. ... a request is independent of
the link's **capacity**. However, the greedy **load** balancing algorithm is (log n ...
Cited by 1 - Related Articles - Web Search - BL Direct

Virtual trees **routing** protocol for an ATM-based mobile network - all 2 versions »
I Katzela, M Veeraraghavan - US Patent 5,872,773, 1999 - Google Patents
... node has multiple VPI trees for **load**-balancing reasons. ... for each port, it stores
the link **capacity** and the ... or excludes the a priori **bandwidth** allocation aspect ...
Cited by 39 - Related Articles - Web Search

LP-Based Heuristic Algorithms for Interconnecting Token Rings via Source

Routing Bridges - all 4 versions »
V Sridhar, JS Park, B Gavish - Journal of Heuristics, 2000 - Springer
... bridges support mesh and even **parallel** redundant connections ... V; the intra-LAN traffic **load**, γ i ... throughput bound instead of the physical forwarding **capacity**. ...
Cited by 2 - Related Articles - Web Search - BL Direct

Rehoming Strategies for a Relief Toll Machine
FT Man - Communications, IEEE Transactions on [legacy, pre-1988], 1977 - ieeexplore.ieee.org
... program is bounded by the specified minimum allowable **limit**. ... are performed only when the maximum **capacity** of an ... is added, a fraction of the maximum **load** of the ...
Web Search

Price computation in random early marking (REM)
S Athuraliya, S Low - Communications, 2000. ICC 2000. 2000 IEEE International ..., 2000 - ieeexplore.ieee.org
... loss at the link with a marginal increment in **load**. ... be induced to solve maximization (3) by **bandwidth** charging. ... rate is strictly less than the **capacity** $2^{*} < q$ ...
Related Articles - Web Search - BL Direct

Optoelectronic time-of-flight design and the demonstration of anall-optical, stored program, digital ... - all 3 versions »
HF Jordan, VP Heuring, R Feuerstein - Proceedings of the IEEE, 1994 - ieeexplore.ieee.org
... but the shortest distances. Numerous experiments have explored the **limits** of optical communication **bandwidth**. For a single fiber ...
Cited by 26 - Related Articles - Web Search - BL Direct

Enhancement of network operation and performance
W Holender, T Henk, S Blaabjerg, A Farago, B ... - US Patent 6,069,894, 2000 - Google Patents
... networks and distributing offered traffic **load** among routes ... system with several processors working in **parallel**. ... processor, often a large **capacity** processor. ...
Cited by 14 - Related Articles - Web Search

A nationwide **parallel** computing environment - all 2 versions »
K Kennedy, CF Bender, JWD Connolly, JL Hennessy, ... - Communications of the ACM, 1997 - portal.acm.org
... Edge centers to continue increasing their **capacity** exponentially ... interconnection fabric allowing the bisection **bandwidth** to increase ... make shared-memory **parallel** ...
Cited by 15 - Related Articles - Web Search - BL Direct

Towards real-time optimal VP management for ATM nets - all 3 versions »
SJ Chung, SP Hong, HG Song - Telecommunication Systems, 2000 - Springer
... paper show the possibility that using **parallel** processing, the ... to each other: one pursues **load** balancing in ... the specific choice of equivalent **capacity** formula. ...
Related Articles - Web Search - BL Direct

General Purpose Bidirectional Optical Backplane: High-performance Bus for Multiprocessor Systems - all 6 versions »
C Zhao, T Oh, RT Chen - IEEE Comput. Soc, 1995 - doi.ieeecomputersociety.org
... effort to increase the interconnection **capacity**, optics has ... the Second Workshop on Massively **Parallel** Processing Using ... before each term the weight factors Wrij ...
Cited by 6 - Related Articles - Web Search

Load sharing in a computer-communication network - all 6 versions »
EF Wunderlich - 1976 - dspace.mit.edu
... tical **load** sharing. ... 2. The communication channel has a **capacity** of C bits per unit time so ... required to transmit a message over a finite **bandwidth** channel and ...
Cited by 1 - Related Articles - View as HTML - Web Search - Library Search

[PS] Joint scheduling and admission control for ATS-based switching nodes - all 4 versions »
J Hyman, AA Lazar, G Pacifici - ACM SIGCOMM Computer Communication Review, 1992 - citeseer.csail.mit.edu
... as a means of quantifying the **capacity** of a ... it to transmit continuously at its maximum **bandwidth**, thus foregoing ... In Section 3.5, the admissible **load** region is ...
Cited by 38 - Related Articles - View as HTML - Web Search - BL Direct

Network restorability design using pre-configured trees, cycles, and mixtures of pattern types - all 3 versions »
D Stamatelakis, WD Grover - TRLabs, Edmonton, AB, Canada, Tech. Rep. TR-1999-05, 1999 - netsys.edm.trlabs.ca
... logically in **parallel** between adjacent connected nodes of the ... pre-configured trees based on maximum weight spanning trees in the network spare **capacity** ...
Cited by 19 - Related Articles - View as HTML - Web Search

Advanced Multi-Objective Evolutionary Algorithms Applied to Two Problems in Telecommunications - all 13 versions »
J Knowles, M Oates, D Corne - BT Technology Journal, 2000 - Springer
... 64 units, and a 'local' type of **capacity**, 16 units ... This must not exceed the **bandwidth** of that edge, that ... the required data; however, the extra **load** on this ...
Cited by 17 - Related Articles - Web Search - BL Direct

Optimal Configuration of a **Parallel** Embedded System for Synthetic Aperture Radar Processing
JT Muehring - 1997 - cs.ou.edu
... A real length of antenna, ie, the real aperture A syn synthetic aperture B **bandwidth** c speed of ... born **parallel** processing. ... terms of size, weight, and power (SWAP ...
Cited by 1 - Related Articles - View as HTML - Web Search - Library Search

Competitive learning algorithms and neurocomputer architecture - all 4 versions »
HC Card, GK Rosendahl, DK McNeill, RD McLeod - Computers, IEEE Transactions on, 1998 - ieeexplore.ieee.org
... Weight updates were made if the distortion ... facilitate a re- configurable **parallel** architecture capable of ... communication to computation **bandwidth** ratio inherent ...
Cited by 15 - Related Articles - Web Search - BL Direct

A separation principle between scheduling and admission control forbroadband switching - all 6 versions »
JM Hyman, AA Lazar, G Pacifici - Selected Areas in Communications, IEEE Journal on, 1993 - ieeexplore.ieee.org
... as a means of quantifying the **capacity** of a ... to transmit continuously at its maximum **bandwidth**, thus foregoing ... In Section 111-E, the admissible **load** region is ...
Cited by 70 - Related Articles - Web Search - BL Direct

Applications of neurocomputing in traffic management of ATMnetworks - all 2 versions »

IW Habib - Proceedings of the IEEE, 1996 - ieeexplore.ieee.org
... at the VP level, would allocate **capacity** (or **bandwidth**) so ... since it is used to calculate
the **bandwidth** required to ... In [15], a bank of (n) **parallel** three-layer ...
Cited by 27 - Related Articles - Web Search - BL Direct

Data Transcoding in Multicast Sessions in Active Networks - all 3 versions »
B Duysburgh, T Lambrecht, B Dhoedt, P Demeester - Proceedings of the Second
International Working Conference ..., 2000 - Springer
... of active processes being able to run in **parallel**. ... able to do any transcoding, will
have a zero **capacity**. ... This way, server **load** and **bandwidth** usage are partly ...
Cited by 5 - Related Articles - Web Search - BL Direct

Multiple satellite system power allocation by communication link optimization - all 3 versions »
RH Sherman, V Gallagher, JJY Huang - US Patent 6,091,933, 2000 - Google Patents
... a plurality ofsatellites in earth 55 **capacity** calculation includes ... **limits**, exemplified
by DOD **limits** 208. ... is run on aseparate processor, **parallel** processing is ...
Cited by 7 - Related Articles - Web Search

Cost-Benefit Analysis for Local Integrated Facsimile/Data/Voice Packet Communication Networks - all 2 versions »
C Niznik - Communications, IEEE Transactions on [legacy, pre-1988], 1982 -
ieeexplore.ieee.org
... processor, worst case configuration, software **load** by processor ... the Channel submodel
channel **capacity** corrections and ... is Erlangian, with m **parallel** servers and ...
Cited by 1 - Related Articles - Web Search

Optimized partitioning of a wavelength distributed data interfacering network - all 5 versions »
S Ramamurthy, B Mukherjee, B Moslehi - Lightwave Technology, Journal of, 1995 -
ieeexplore.ieee.org
... as possible in order to perform **load** balancing because the ... nodes, and it consists
of W **parallel** (and unidirectional ... Note that the total **capacity** is not 200 Mbps ...
Cited by 3 - Related Articles - Web Search - BL Direct

Data allocation design in computer networks: LAN versus MAN versus WAN - all 2 versions »
OR Liu Sheng, H Lee - Annals of Operations Research, 1992 - Springer
... from having a loosely-coupled distributed/**parallel** system created by ... data alloca-
tion principle (ie, **load** balancing as ... The storage **capacity limit** at node i ...
Cited by 2 - Related Articles - Web Search

Stochastic programming approaches to stochastic scheduling - all 3 versions »
JR Birge, MAH Dempstert - Journal of Global Optimization, 1996 - Springer
... at the strategic level in the a.. **limit** as n ... node and link placements and **capacity**
allocations respectively. ... state d in terms of **bandwidth** requirements on the ...
Cited by 27 - Related Articles - Web Search - BL Direct

[PS] On the Value of Coordination in Distributed Decision Making - all 9 versions »
S Irani, Y Rabani - SIAM J. Comput., 1996 - cecs.uci.edu
... the amount of coordination in a **parallel** program and ... How does this **capacity** change
as a function of ... We consider the **load** balancing problem discussed in [11]. ...

Cited by 1 - Related Articles - View as HTML - Web Search - BL Direct

[PS] Approximation Algorithms for Disjoint Paths Problems - all 7 versions »
JM Kleinberg - 1996 - citeseer.csail.mit.edu
... available **bandwidth** on a link [12, 90]; for such situations, one must be ... whose **capacity**
is small relative to the individual demands. ... The goal remains to **route** ...
Cited by 124 - Related Articles - View as HTML - Web Search - Library Search

A model for determining the optimal topology and databaseallocation in computer networks
A Raghuram, TW Morgan, P Julien-Laferriere, GS ... - Computers and Communications,
1989. Conference Proceedings., ..., 1989 - ieeexplore.ieee.org
... consider the interdependencies of topology, database locations, and **routing**. ... variable
cost depends both on the **bandwidth** and distance ... i and j has a **capacity** Q c ...
Cited by 2 - Related Articles - Web Search

[PS] A Survey of **Parallel** Genetic Algorithms - all 8 versions »
E Cantœ-Paz - Illinois Genetic Algorithms Lab. IlliGAL Report, 1997 - gal4.ge.uiuc.edu
... identied some bottlenecks that **limit** their **parallel** ... to balance the computational
load among the ... microprocessors designed specically for **parallel** computations. ...
Cited by 2 - Related Articles - View as HTML - Web Search

Digital data networks design using genetic algorithms - all 3 versions »
CH Chu, G Premkumar, H Chou - European Journal of Operational Research, 2000 - zope-
295-a.smeal.psu.edu
... that minimizes the total edge weight of the ... be based on their distance, **capacity**,
quality of ... **bandwidth** packing in telecommunication networks (Laguna and Glover ...
Cited by 12 - Related Articles - Web Search

Network controller design for SONATA-a large-scale all-optical passive network - all 7 versions »
A Bianco, E Leonardi, M Mellia, F Neri, D di ... - Selected Areas in Communications, IEEE
Journal on, 2000 - ieeexplore.ieee.org
... pairs of PONs experiencing a **load** above a ... less than 2% of the available network
capacity.
More- over, sophisticated **parallel** algorithms and architectures can ...
Cited by 26 - Related Articles - Web Search - BL Direct

[PS] Maximizing Throughput of Reliable Bulk Network Transmissions - all 7 versions »
C Papadimitriou - 1997 - cs.bu.edu
... **capacity**. We begin with a simplied formulation of the static **bandwidth** allocation
prob- ... The 0/1 constants a ij are set to 1 if the **route** of connection j ...
Related Articles - View as HTML - Web Search

[BOOK] Proceedings of the International Workshop on Applications of Neural Networks to Telecommunications 3
TX Brown, J Alspector, R Goodman - 1997 - books.google.com
... techniques to manage admission, **bandwidth** alloca- tion ... the eflbet that the resulting
load distribution approaches ... As a result less additional **capacity** is needed ...
Related Articles - Web Search

Design Of Logical Topologies For Wavelength Routed Networks - all 3 versions »

R Dutta, GN Rouskas - Optical WDM Networks: Principles and Practice, Kluwer ..., 2000 - Springer
... fiber can carry several channels in **parallel**, each on ... as links are not loaded close to **capacity**), queueing delays ... bound utilizes the fact that the **load** on each ...
Cited by 2 - Related Articles - Web Search - BL Direct

[PS] A survey of virtual topology design algorithms for wavelength routed optical networks - all 6 versions »
R Dutta, GN Rouskas - Optical Networks Magazine, 2000 - networking.ncsu.edu
... because optical technology, allowing more **capacity** than electronic ... can carry several channels in **parallel**, each on ... Virtual Trac **Load** When a virtual topology is ...
Cited by 188 - Related Articles - View as HTML - Web Search

Optimising accelerator for CAD workstation
FWD Woodhams, WL Price - Computers and Digital Techniques, IEE Proceedings-, 1987 - ieeexplore.ieee.org
... as VLSI design (placement and **routing**), task scheduling ... In general the **objective function** is nonlinear ... accelerator, which incorporates **parallel** processing, can ...
Cited by 2 - Related Articles - Web Search

[PS] NETWORK AND PROTOCOL DESIGN FOR SURVIVABLE
RE COTTER - 1999 - cstp.umkc.edu
... 30. Allocate Backup **Capacity** Message Flow . ... H Cardinality of the set of **load** hours $H = \#(H)$ ... b sh k Estimated **bandwidth** requirement to provide connections for ...
Related Articles - View as HTML - Web Search

On the value of information in coordination games - all 2 versions »
S Irani, Y Rabani - Foundations of Computer Science, 1993. Proceedings., 34th ..., 1993 - ieeexplore.ieee.org
... plement a para1 1 el pr0gra.m where the **parallel** tasks ... How does this **capacity** change as a ... Their goal is to minimize the maximum **load** on an agent. ...
Cited by 5 - Related Articles - Web Search - BL Direct

The post-game analysis framework-developing resource managementstrategies for concurrent systems - all 6 versions »
JC Yan, SF Lundstrom - Knowledge and Data Engineering, IEEE Transactions on, 1989 - ieeexplore.ieee.org
... 25], clustering [26], [271 and **bandwidth** minimization [28 ... graphs are needed to represent
parallel computations that ... D. **Load** Sharing **Load** sharing algorithms are ...
Cited by 10 - Related Articles - Web Search

ANDES: evaluating mapping strategies with synthetic programs - all 4 versions »
JP Kitajima, B Plateau, P Bouvry, D Trystram - Journal of Systems Architecture: the EUROMICRO Journal, 1996 - ist.lu
... with a finite **capacity** and a communication network with a ... a communication **load** (eg, number of integers exchanged ... to perform a granularity analysis of a **parallel** ...
Cited by 2 - Related Articles - View as HTML - Web Search - BL Direct

Using distributed topology update and preplanned configurations toachieve trunk network ... - all 3 versions »
BA Coan, WE Leland, MP Vecchi, A Weinrib, LT Wu - Reliability, IEEE Transactions on, 1991 - ieeexplore.ieee.org
... time necessary to compute and down-**load** the configuration ... nodes are shown as

groups
of **parallel** lines, with each line representing one STS1 worth of **capacity**. ...
Cited by 44 - Related Articles - Web Search

Distributed Preconfiguration of Spare **Capacity** in Closed Paths for Network Restoration
D Stamatelakis, WD Grover - US Patent Pending, July, 1997 - freepatentsonline.com
... of all working and spare links in **parallel** between adjacent ... 2-step restorability
in the existing spare **capacity** (IP-1 ... A hop **limit** of 12 was necessary to control ...
Cited by 6 - Related Articles - Cached - Web Search

[BOOK] **Parallel** processing: CONPAR 94-VAPP VI: Third Joint International Conference on Vector and **Parallel** ...
B Buchberger, J Volkert - 1994 - books.google.com
... Jens Volkert (Eds.) **Parallel** Processing: CONPAR 94 - VAPPVI Third Joint International
Conference on Vector and **Parallel** Processing Linz, Austria. ...
Web Search

Hypercube supercomputers - all 3 versions »
JP Hayes, T Mudge - Proceedings of the IEEE, 1989 - ieeexplore.ieee.org
... called the Columbia Homo- geneous **Parallel** Processor (CHOPP ... consumption, and cooling
needs within reasonable **limits**. ... with a combined storage **capacity** of 0.5 MB. ...
Cited by 49 - Related Articles - Web Search

A heuristic algorithm for mapping communicating tasks on heterogeneous resources - all 19 versions »
K Taura, A Chien - Heterogeneous Computing Workshop, 2000 - doi.ieeecs.org
... more available resources such as **parallel** compute-servers ... task weights roughly
proportion to its compute **capacity**. ... it is typically when the compute-**load** is best ...
Cited by 38 - Related Articles - Web Search

[PS] Massively **Parallel** Self-Organising Feature Maps - all 2 versions »
P Frantz - 1995 - cs.jcu.edu.au
... concerning the **parallel** HKFN implementation are outlined in ... nd a way of propagating
the weight corrections ... energy function E as an **objective function** that is ...
Related Articles - View as HTML - Web Search

[PS] Mapping neural networks onto message-passing multicomputers - all 7 versions »
J Ghosh, K Hwang - Journal of **Parallel** and Distributed Computing, 1989 -
lans.ece.utexas.edu
... interprocessor communication **bandwidth** ... operate in a highly **parallel** fashion. ... Every
connection has a strength or a weight associated with it, and the pattern of ...
Cited by 38 - Related Articles - View as HTML - Web Search

An innovative technique for backbone network design - all 2 versions »
NG Chattopadhyay, TW Morgan, A Raghuram - Systems, Man and Cybernetics, IEEE
Transactions on, 1989 - ieeexplore.ieee.org
... changes occur in network-offered **load** on a more perma- nent basis ... 15] have
implemented
a **parallel** optimization approach ... c if link ij has a **capacity** of Q,, and c ...
Cited by 3 - Related Articles - Web Search

PERFORMANCE OF A THREE-STAGE BANYAN-BASED ARCHITECTURE WITH INPUT AND OUTPUT BUFFERS FOR LARGE FAST ... - all 2 versions »

FM Chiussi, FA Tobagi - Computer, 1993 - reports.stanford.edu
... architecture consisting of **parallel** banyans with input and ... exceeds the **capacity** of the links, blocking occurs ... must guarantee that sufficient **bandwidth** to carry ...
Related Articles - View as HTML - Web Search

Frequency Assignment in Mobile Phone Systems - all 12 versions »

M Grötschel - Lecture Notes in Computer Science, 2000 - webdoc.sub.gwdg.de
... 8 further calls – depending on the extra signalling **load**. ... for one antenna, ie, the maximum **capacity** of a ... BSC, while a BSC operates several BTSs in **parallel**. ...
Cited by 1 - Related Articles - View as HTML - Web Search - BL Direct

[PS] A multicast user directory service for synchronous rendezvous - all 14 versions »

EM Schooler - 1996 - caltechcstr.library.caltech.edu
... 5.5.6 Multicast **Routing** : : : : : 45 ii ... distribution can result in signicant **bandwidth** savings ... for this and actually **route** the real ...
Cited by 24 - Related Articles - View as HTML - Web Search

Stochastic programming approaches to stochastic scheduling John R. Birge and MAH Dempster.

JR Birge - 1995 - deepblue.lib.umich.edu
... scheme where every scenario path has weight pi:=. ... This result also indicates that **parallel** processing may offer ... At the **capacity** planning level, we showed how ...
Cached - Web Search

Google ▶

Result Page: 1 2   **Next**

load capacity parallel bandwidth limi| | Search |

Google Home - About Google - About Google Scholar

Google Scholar ™ BETA

load capacity parallel bandwidth limit   route O   - 2000   [Search]   Ad Sc Sc

◉ Search only in Engineering, Computer Science, and Mathematics.
◯ Search in all subject areas.

Scholar · **All articles** - **Recent articles** Results **101** - **140** of **140** for **load capacity parallel bandwidth**

All Results

D Banerjee
B Mukherjee
J Hui
E Cantu-Paz
B Res

Using Constraint Logic Programming in Memory Synthesis for General Purpose Computers - all 15 versions »
R Beckmann, J Herrmann - Proc. of the Conference on Design, Automation & Test in ...,
1997 - ls12-www.cs.uni-dortmund.de
... more and more complex to supply the required **bandwidth**. ... w o (o k) a weight function
expressing ... strategies [Schw81] consider several candidates in **parallel**. ...
Cited by 4 - Related Articles - View as HTML - Web Search

Stochastic programming approaches to stochastic scheduling
MAH Dempstert, JR Birge - 1996 - deepblue.lib.umich.edu
... at the strategic level in the a.. **limit** as n ... node and link placements and **capacity**
allocations respectively. ... state d in terms of **bandwidth** requirements on the ...
Related Articles - View as HTML - Web Search

Modeling and Heuristic Worst-Case Performance Analysis of the Two-Level Network Design Problem - all 7 versions »
A Balakrishnan, TL Magnanti, P Mirchandani - Management Science, 1994 - JSTOR
... an ap- proximate representation of **capacity** constraints via ... in terms of secondary
costs) **parallel** edge. ... The modified weight heuristic then completes the TLND ...
Cited by 40 - Related Articles - Web Search - Library Search - BL Direct

[PS] Job Scheduling in Multiprogrammed **Parallel** Systems - all 7 versions »
D Feitelson - IBM Research Report, 1997 - cse.huji.ac.il
... **load** balancing . ... For many users, the **capacity** for interactive use is even more ... each
other implies that the design space for multiprogrammed **parallel** systems is ...
Cited by 55 - Related Articles - View as HTML - Web Search

Hardware/software co-design - all 28 versions »
G De Michell, RK Gupta - Proceedings of the IEEE, 1997 - ieeexplore.ieee.org
... The definition of an instruction set permits the **parallel** ... by successive refinement,
under constraints of communication **bandwidth** and **load** balancing between ...
Cited by 182 - Related Articles - Web Search - Library Search - BL Direct

[PS] ALGORITHMS FOR NETWORK **ROUTING**, MULTICASTING, SWITCHING, AND DESIGN - all 2 versions »
A Goel - 1999 - stanford.edu
... can not be transferred in **parallel**. ... transfer requests given **bandwidth** constraints
of the underlying communication ... factor; such **capacity** increase is called ...
Related Articles - View as HTML - Web Search - Library Search

[PS] Using Constraint Logig Programming in Memory Synthesis for General Purpose - all 3 versions »
R Beckmann, J Herrmann - 1998 - dspace.hrz.uni-dortmund.de
... more and more complex to supply the required **bandwidth**. ... w o (o k) a weight function

expressing ... strategies [Schw81] consider several candidates in **parallel**. ...
Related Articles - View as HTML - Web Search

[BOOK] Intelligent Agents for Telecommunication Applications: Second International Workshop, IATA'98, Paris ...
S Albayrak, FJ Garijo - 1998 - books.google.com
... to derive efficient heuristics that achieve a **load** balancing effect ... If it falls below the **bandwidth** ß of ... no alternative **route** exists with **capacity** > ß within ...
Cited by 1 - Related Articles - Web Search - Library Search

[PS] Statistical Machine Learning for Large-Scale Optimization - all 20 versions »
S Baluja, AG Barto, KD Boese, J Boyan, W Buntine, ... - Neural Computing Surveys, 2000 - www-2.cs.cmu.edu
... Boese denes the \central **limit** catastrophe" of multi-start ... for use by Eureka , their **parallel** search architecture ... an initial state and/or a weight vector, which ...
Cited by 2 - Related Articles - View as HTML - Web Search

[BOOK] Design and analysis of cellular mobile data networks - all 4 versions »
AG Valkó, Egyetem. Budapesti Műszaki, Villamos - 1999 - mcl.hu
... 18 2.9 QoS violation with **load** sharing [min ... of wireless cells in cellular system D i **Capacity** of ith ... **bandwidth** in the system B Average reserved **bandwidth** in the ...
Cited by 10 - Related Articles - View as HTML - Web Search

[PS] PRICING IN MULTIPLE SERVICE CLASS COMPUTER COMMUNICATIONS NETWORKS
RP Cocchi - 1992 - netweb.usc.edu
... car. Gene Tsudik for his continued inspiration and support. I attained to **parallel** ... 15 2.2.3 Peak **Load** Pricing : : : : : 16 ...
Cited by 2 - Related Articles - View as HTML - Web Search - Library Search

Minimizing cost and delay in shared multicast trees - all 7 versions »
SJ Koh, JH Yi, JH Hahm, BM Chin, CH Park - ETRI Journal, 2000 - etrij.etri.re.kr
... available resources enough to provide the required **bandwidth**. ... the model, k represents a relative weight for tree ... the path provides enough link **capacity** for the ...
Cited by 8 - Related Articles - View as HTML - Web Search

Speed and power scaling of SRAM's - all 12 versions »
BS Amrutur, MA Horowitz - Solid-State Circuits, IEEE Journal of, 2000 - ieeexplore.ieee.org
... wire, in effect driving two segments in **parallel**, each having a ... obtained between these by varying the weight values and ... to the log of the **capacity** as observed ...
Cited by 58 - Related Articles - Web Search - BL Direct

Protocol Design for Congestion Management in Narrowband Integrated Networks - all 8 versions »
SS Kapadia - 1992 - tisl.ukans.edu
... due to the ber revolution 25, **parallel** developments in ... tarily increase channel **capacity** for the purpose of ... on a number of criteria such as **load** and negotiated ...
Related Articles - View as HTML - Web Search - Library Search

Managing Virtual Circuit and Virtual Path Services on ATM Networks with Quality of Service ... - all 3 versions »
N Anerousis - 1996 - anerousis.com
... copes with the fluctuation of traffic **load** and provides ... because of the shift in the

bandwidth/delay product ... is due to the ever increasing **capacity** of fiber ...
Cited by 1 - Related Articles - View as HTML - Web Search - Library Search

[PS] The Impact of Application and Architecture Properties on Real-Time Multiprocessor Scheduling - all 2 versions »
J Jonsson - 1997 - ce.chalmers.se
... and J. Vasell, \On **Objective Function** Selection in ... of the 26th International Conference on **Parallel** Processing ... 4.11 **Routing** controller organization for (a) TDC ...
Cited by 12 - Related Articles - View as HTML - Web Search - Library Search - BL Direct

[PS] Multicast **Routing** Algorithms for Multimedia Trac - all 4 versions »
VP Kompella - 1993 - cs.ucsd.edu
... the presence of smart switches, data transfer takes place in **parallel** to the ... multicast case would be to **route** the data over the tree composed of ... **bandwidth**. ...
Cited by 4 - Related Articles - View as HTML - Web Search

Models for planning the evolution of local telecommunication networks - all 4 versions »
A Balakrishnan - 1989 - dspace.mit.edu
... into increased cable **capacity** requirements on every intermediate ... **bandwidth** (some with a transmission capability of ... is currently the main **limiting** factor for ...
Related Articles - View as HTML - Web Search - Library Search

[BOOK] Technology and infrastructure: NOC'98:[proceedings of the European Conference on Networks and ...
DW Faulkner - 1998 - books.google.com
... Jourdan Address : Alcatel Alsthom Recherche - **Route** de Nozay ... The main **limiting** factor
is noise whose accumulation is ... to constrained amount of **capacity** of each ...
Web Search

Optimization methods for topological design of interconnected ring networks
V Brodsky - 1994 - dspace.mit.edu
... The **bandwidth** allocated for ... 2 on the link BC. Consider the **routing** table below. As compared to the USHR ring, BSHR ring contains spare **capacity** on ...
Related Articles - Web Search - Library Search

The MarCon algorithm: A systematic market approach to distributed constraint problems - all 11 versions »
HVAND PARUNAK, AC WARD, JA SAUTER - AI EDAM, 1999 - Cambridge Univ Press
... re- sults are attainable under some **limiting** assumptions, and ... up to the transmission's **capacity**, but wishes ... Ordinal variables such as weight or torque, whose ...
Cited by 14 - Related Articles - Web Search - Library Search - BL Direct

[BOOK] Algorithm Theory Swat 2000: 7th Scandinavian Workshop on Algorithm Theory: Bergen, Norway, July 2000 ... - all 2 versions »
MM Halldórsson - 2000 - books.google.com
... **Parallel** Attribute-Efficient Learning of Monotone Boolean Functions ... weight ofa link inversely proportional to its **capacity**. ... any **limits** on how much **load** can be ...
Related Articles - Web Search - Library Search

Study on the Implementation of Optical Transparent Transport Networks in the European Environment— ... - all 3 versions »
P Batchelor, B Daino, P Heinzmann, DR Hjelme, R ... - Photonic Network Communications,

2000 - Springer
... the erbium gain ‾uctuations in the WDM signal **bandwidth**. ... as shortest path or minimum link **load** can direct ... The operation or working **capacity** on a physical link ...
Cited by 10 - Related Articles - Web Search - BL Direct

A cognitively based functional taxonomy of decision support techniques - all 3 versions »
W Zachary - Human-Computer Interaction, 1986 - Lawrence Earlbaum
... narrow **bandwidth** of short-term and perceptual memory (eg, Card, Moran, & Newell ... information processor, the human being has an almost infinite **capacity** for long ...
Cited by 23 - Related Articles - Web Search

Hardware-Software Co-Design of Embedded Systems
H WAYNE - PROCEEDINGS OF THE IEEE, 1994 - class.ece.iastate.edu
... on the DSP, and a **parallel** port on the ... **Bandwidth** limitations on the commonly used interproces- sor ... While the mission requirements (gross weight, maximum speed ...
Cited by 2 - Related Articles - View as HTML - Web Search

[PS] Wireless Network Multicasting - all 5 versions »
CC Chiang - 1998 - cs.ucla.edu
... 4.5 Multicast Trac **Load** . ... and Rajive Bagrodia, **Parallel** Simulation Environment for Mobile Wireless Net ... channel and spatial reuse, which increases the **capacity** ...
Cited by 33 - Related Articles - View as HTML - Web Search - Library Search

mi^^ the two are
AD Approximation - IEEE TRANSACTIONS ON SIGNAL PROCESSING, 1995 - ieeexplore.ieee.org
... With simple algebra, we can solve (BS), and the **bandwidth** is as follows: ... we may take the expectation of the stochastic variables before taking the **limit** of the ...
Web Search

ATM Core Network Design
DG Nielsen - 1998 - dan.nielsen.dk
... architectures, because of the inherent **route** diversity, when ... of the ring, causing poor **bandwidth** utilization. ... protection, and if half the **capacity** is reserved ...
Related Articles - View as HTML - Web Search

[BOOK] Mobile Multimedia Systems - all 7 versions »
PJM Havinga - 2000 - doc.utwente.nl
... 3.4 R ELATED WORK 3 – 34 3.4.1 Multimedia architectures 3 – 34 3.4.2 Heterogeneous **parallel** architectures 3 – 35 3.4.3 Network attached devices 3 – 37 ...
Cited by 55 - Related Articles - Web Search - Library Search

Statistical Analysis of Long-Range Dependent Processes via a Stochastic Intensity Approach, with ...
PH Tan - 1999 - lib.ncsu.edu
... of 100 Mbps or more, supercomputers, and **parallel** machines is a ... In computer networking,
the term **bandwidth** refers to the measure of the **capacity** of a medium ...
Related Articles - View as HTML - Web Search - Library Search

Genetic algorithms at UC Davis/LLNL - all 2 versions »
VR Vemuri - 1993 - osti.gov
... GA to search for an initial weight vector for ... Optimizing Connections and Connectivity,"

Parallel Computing, vol. ... each individual has the **capacity** to represent ...
Related Articles - View as HTML - Web Search

On approximating arbitrary metrices by tree metrics - all 2 versions »
Y Bartal - Proceedings of the thirtieth annual ACM symposium on Theory ..., 1998 -
portal.acm.org
... Schieber h4inimizing Stall Time in Single and **Parallel** Disk Systems . ... The goal is
to minimize the total **load**. ... in a network with limited memory **capacity** at the ...
Cited by 191 - Related Articles - Web Search

[PS] Symbiotic Jobscheduling on Hardware Multithreaded Architectures
AE Snavely - 2000 - sdsc.edu
... 2 oating point, 2 integer, and 4 **load**/store instructions ... high while priority policies
are enforced by **limit**- ... of balancing the demands of **parallel** jobs waiting ...
Related Articles - View as HTML - Web Search - Library Search

This paper appears in: Circuits and Systems, 1997. Proceedings of the 40th Midwest Symposium on ...
TOC View - Circuits and Systems, 1997. Proceedings of the 40th Midwest ..., 1997 -
ieeexplore.ieee.org
... are permitted to photocopy beyond the **limit** of US ... CA S-1-3 A Novel **Parallel**
Architecture
for a ... 3OMHz Analog CMOS Current-Mode **Bandwidth** Programmable Integrator ...
Web Search

The UCSD Active Web - all 6 versions »
J Pasquale - 1998 - activeweb.ucsd.edu
... and easy to implement and therefore propagate, is **limit**- ... The cumulative storage
capacity
of all the ... RAID enclosure including Dual 300; Watt **Load** Sharing Hot ...
Cited by 1 - Related Articles - View as HTML - Web Search

Design and Implementation of a Multicast, Imput-buffered ATM Switch for the IPOINT Testbed - all 2 versions »
JW Lockwood - 1996 - arl.wustl.edu
... not oer the economy or **capacity** of silicon-based ... each of the input queue modules,
in **parallel**, performs ... providing an n-fold decrease in memory **bandwidth**. As ...
Cited by 3 - Related Articles - View as HTML - Web Search - Library Search

Infrastructure for distributed enterprise simulation - all 5 versions »
MM Johnson, AS Yoshimura, ME Goldsby - 1998 - infoserve.sandia.gov
... Often the **capacity** of a computer's primary memory ... capable of supporting massive
model,
parallel discrete event ... of interest was that perfect **load** balance is ...
Related Articles - View as HTML - Web Search

[PS] Code Generation Algorithms for Digital Signal Processors - all 9 versions »
GCS de Araújo - 1997 - ns.lsc.ic.unicamp.br
... **limits** determined by our senses ... For example, CD stereo sound has a **bandwidth** of
175 ...
this case, reducing code size becomes an important **objective function** in the ...
Cited by 28 - Related Articles - View as HTML - Web Search - Library Search

p2p∧(information[0, 0] dissemination) - all 5 versions »

J Smith, J Smith - Transactions on Information Systems, 1999 - p2pir.is.informatik.uni-duisburg.de
... the pub/sub system SIENA [3] and used arbitrary graphs and standard network **routing** algorithms based on shortest paths and min- imum weight spanning trees. 1 ...
Related Articles - View as HTML - Web Search

Query Optimization in Database Systems - all 13 versions »

M Jarke, J Koch - ACM Computing Surveys (CSUR), 1984 - portal.acm.org
... Fortunately, both objectives are largely complementary; when goal conflicts arise, they are typically re- solved by assigning **limits** to the availability of ...
Cited by 355 - Related Articles - Web Search - Library Search

◀ Google

Result Page: **Previous** 1 2

| load capacity parallel bandwidth limi | Search |

Google Home - About Google - About Google Scholar